

Measurements & Simulations of the Brighter-Fatter Effect

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- Modeling the Brighter-Fatter Effect is crucial for determining accurate PSFs from stars of varying brightness.
- We have had good success measuring the Brighter-Fatter Effect using the LSST Optical Simulator at UC Davis. This includes direct measurements of the sizes of artificial stars and measurements of correlations on CCD flats.
- We have also had good success with a physics-based model of the CCD which accurately captures the Brighter-Fatter Effect.

